C-Line

Janus Cleaner JR 60-1

Precise cleaning device
e.g. of deep cut-outs after CNC processing

- Tornado nozzle JN 50 D
- Adjustable nozzle diameter
- Versatility
- Compact housing with suction connection
- Sealing brush strip

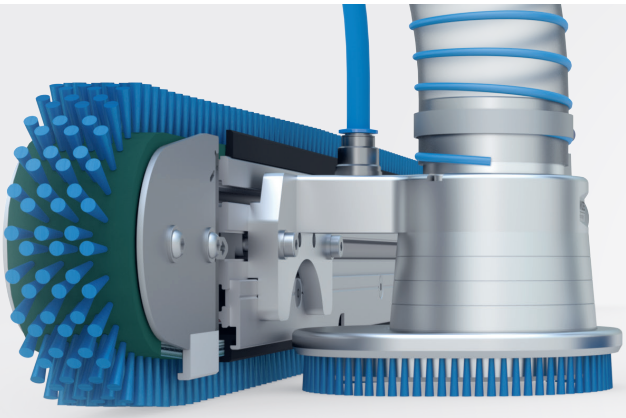
The **Janus Cleaner JR 60-1** can cope with a great number of surface cleaning applications wherever there are deep cut-outs. It may be used e.g. for the cleaning during door production, after profiling in the wood and metal industries or to clean vacuum tables in the glass industry.

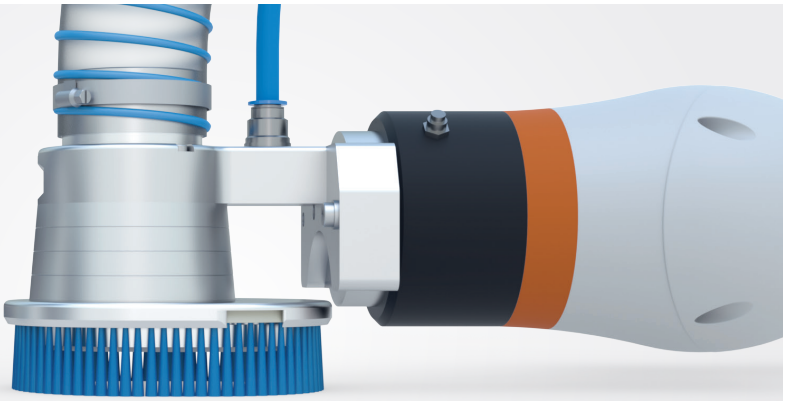
Within the machine's robust housing, you will find a compressed air driven Tornado nozzle, type Janus 50 D.
Its blowing performance may be adjusted. This permits an effective adaptation to individual applications.

Surface Cleaning Technology

WANDRES micro-cleaning

DB012_EN_231220_JR 60-1| WMC

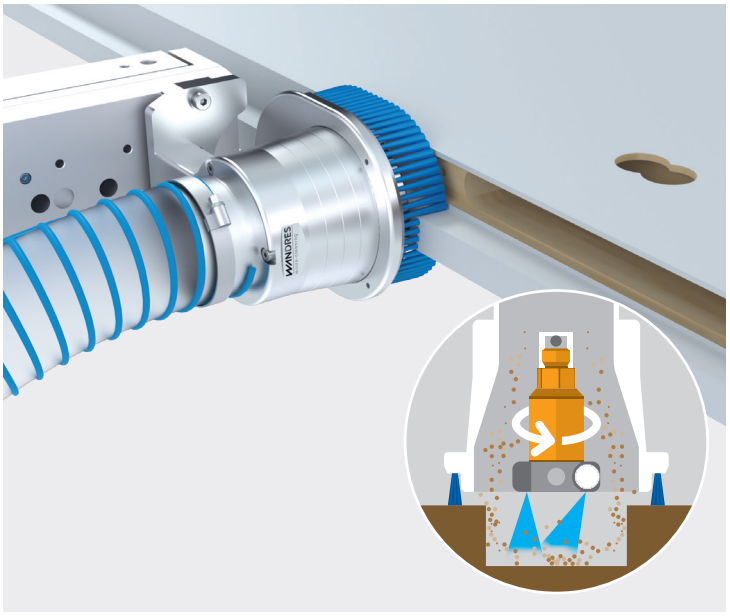




Many possible applications

Versatility

The Janus Cleaner has a compact design and comes with useful mounting brackets. It therefore may be mounted in virtually any position. It may be mounted as an air-assisted pre-cleaning device at the profile of a Sword Brush. It may also be mounted at a pneumatic slide or on a robot arm. It may even serve as a manual device.



Maximum efficiency

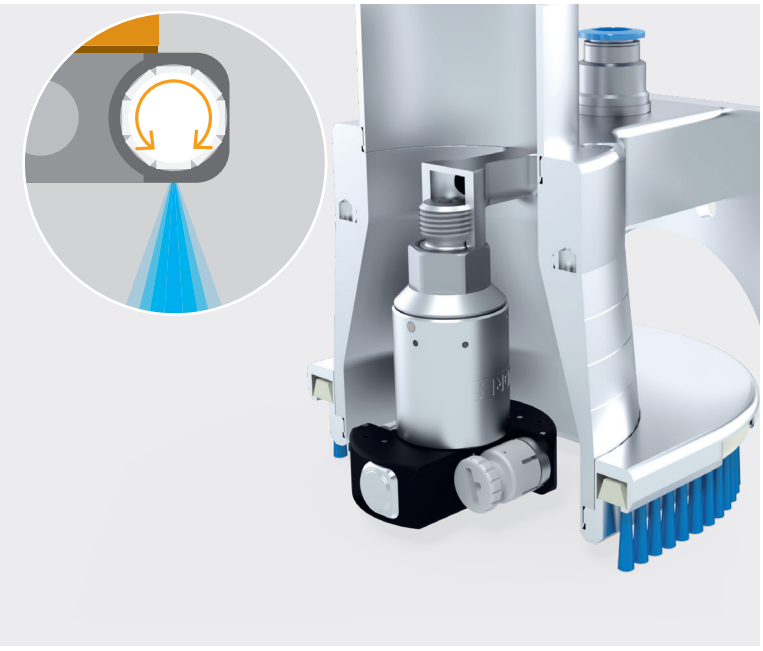
Tornado nozzle JN 50 D

The **Tornado nozzle Janus 50 D** consistently rotates due to two speed controlled driven nozzles. Both cleaning nozzles reliably detach large amounts of stuck chips, particles and fine dusts which are removed from the production area and absorbed immediately. The Janus Cleaner has a high cleaning performance, works at a low noise level and uses very little compressed air.

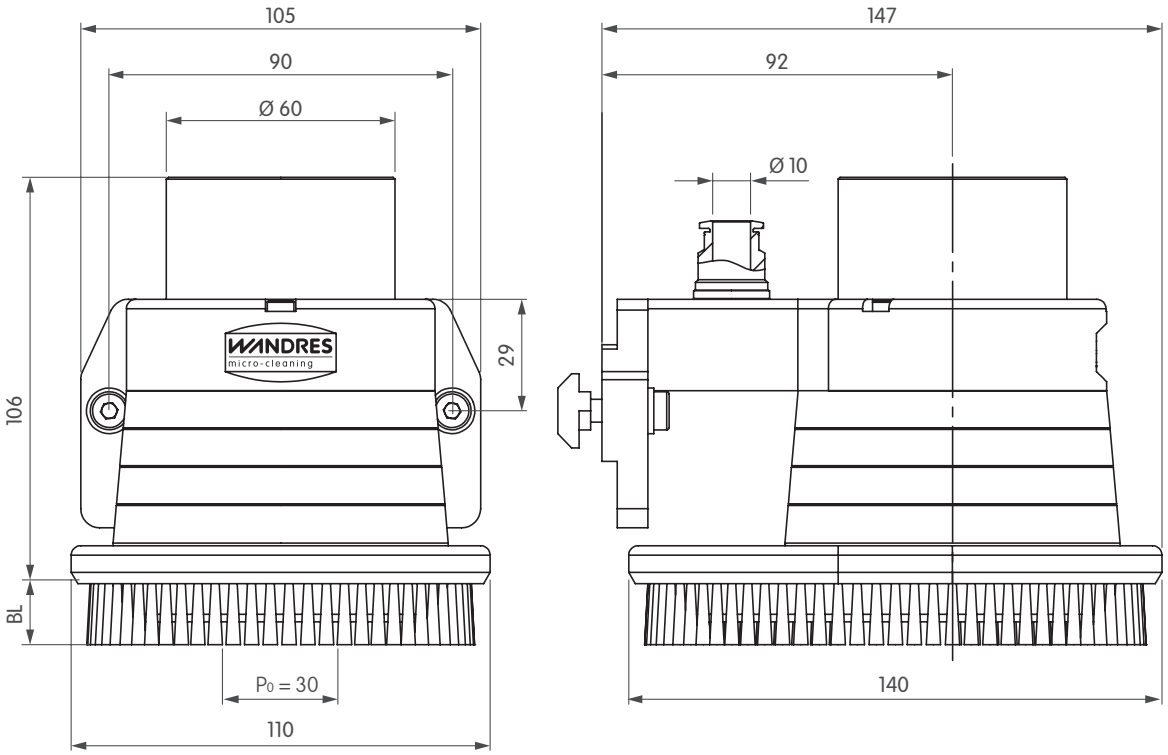
Adaptation to geometry

Adjustable nozzles

No tools are necessary to adjust both nozzle heads to the common **nozzle diameters** (0 / 0.8 / 1.1/ 1.4/ 1.6 mm). This reduces compressed air consumption to a minimum.
The **discharge angle** is infinitely variable. For optimum effect, however, it is recommended to retain the ex factory setting of 90° discharge angle.



Technical dimensions and data



Values in mm

BL Filament length
P_0 Cleaning width ex factory

Pneumatic details

Compressed air quality	filtered (particle size < 40 µm), oil free (residual oil < 1.5 mg/m³ at 24 °C)
Compressed air connection	1 x 10 mm plug connection; 6 bar
Compressed air consumption	120 l/min – 225 l/min (depending on nozzle setting; at 1.013 bar and 20 °C)

Suction

Suction connection	1 x Ø 60 mm
Suction volume	min. 290 m³/h
Operating parameter	min. –500 Pa vacuum; min. 28 m/s (at suction connection)

Acoustic emission

max. sound pressure level LPA	72 dB (A) – 83 dB (A) depending on nozzle setting, the geometry and the surface features of the subject material

Linear brush

Type of linear brush	Miny
Filament material	Polyamide 6.12
Filament length (BL) and filament diameter	may be chosen depending on the application 17 mm | Ø 0.15 mm; 19 mm | Ø 0.15 mm; 32 mm | Ø 0.2 mm

Cleaning width

Max. cleaning width	P_{max} = 70 mm
Cleaning width ex factory	P_0 = 30 mm

Technical data are subject to change

Order code Janus Cleaner JR 60-1 10041043